



# DWR CCTAG Subgroup - Scenarios



March 20, 2013

**California Department of Water Resources  
Climate Change Technical Advisory Subgroup Meeting  
9am to 12pm, March 20, 2013  
Fishbowl, Bonderson**

Meeting Number: 741 494 450

<https://resources.webex.com/resources/j.php?J=741494450>

**1-877-923-1522 (US)**

Host access code: 679 474 0

Attendee access code: **295 056 7**

<http://www.webex.com>

**MEETING GOALS and OBJECTIVES:**

Discuss Water Management metrics that could be impacted by Climate change

*Table of metrics impacted by CC for water mgmt decision making, to be compiled from incoming Subgroup members' suggestions*

Discuss and establish a road map/schedule for establishing general planning scenarios

**Agenda March 20, 2013**

Introductions

Open Discussion: Review Metrics matrix

Open Discussion: Moving toward decision making for water management types/needs

Plan for CCTAG full meeting report-out, or feedback (April 25)

## GCM/Rainfall-Runoff Model Output Variables

[illegible]

# New Task Statement

The DWR CCTAG is chartered to “advise DWR on the scientific aspects of climate change, its impacts on water resources, the use and creation of planning approaches and analytical tools, and the development of adaptation responses.” Having completed the time sensitive recommendations for climate scenarios to be used in the California Water Plan Update 2013, DWR would like the scenarios subgroup to broaden its considerations and provide recommendations for more general application in DWR planning studies. This problem statement and request for recommendations comprise the next CCTAG Scenarios Subgroup deliverables. The recommendations resulting from this task will affect a wide array of planning activities, and ultimately, may influence projects by those groups that look to the State for guidance on incorporating climate change.

**Problem Statement:** There is a strong desire by DWR and the public to see future climate uncertainty represented consistently across DWR’s planning activities. (For a summary of the range of approaches used on past DWR studies at various scales, scopes, and project types see CCTAG meeting presentations 3/30/12 and 9/14/12: <http://www.water.ca.gov/climatechange/cctag.cfm>.)

There are an impractically large number of climate scenarios and technical approaches available to DWR to represent future climate uncertainty. **DWR is requesting recommendations for the development of scenarios for use in general planning applications.** The scenarios would be used to project future conditions and quantify the changes to future conditions on a range of project types having varying scales and scopes. Specific types of applications where these scenarios would be used include: future updates of the California Water Plan beyond 2013, SWP Delivery Reliability Reports, California Environmental Quality Act Environmental Impact Reports, federal feasibility reports, reoperations studies, and other analysis of potential future conditions and management options. While all of these studies are performed by DWR, many of the planning applications listed above provide critical information used in decision making at state, federal, and local levels. Thus, the recommendations and considerations from this task should consider the broader context of how the information may be used by others outside of DWR.

This activity will focus on providing climate change scenario recommendations for DWR’s own planning activities, however it is expected that discussions, debates, and the ultimate recommendations will likely bear heavily on future CCTAG subgroup activities related to developing climate change analysis recommendations for Integrated Regional Water Management planning and DWR’s FloodSafe activities.

# Prior Task Statement

**By May 2012, provide a high level assessment of the strengths and weaknesses of the 12 CAT climate scenarios and the 5 ensemble informed scenarios used by BDCP, and other existing and available projections or ensembles of projections for sampling the distribution of future climate projections.**

**By May 2012, provide recommendations for climate scenarios (selecting from existing and available projections or ensembles of projections) that are appropriate for representing a reasonable variation of future climate conditions for use in Update 2013 of the Water Plan.**

**Following the May 11 CCTAG full meeting, the subgroup could recommend a more detailed approach for assessment, selection, and technical approaches to future climate scenarios for water resources planning.**

# **Climate Scenarios**

## **Subgroup**

### **Set next Webinar date**



# THANK YOU!

